

## **Section 02850**

### **Equipment Wash Facility**

#### **PART 1 GENERAL**

##### **1.1 SCOPE**

This Section includes, but is not limited to:

- A. Performance criteria for the Equipment Wash Facility.
- B. Equipment and material to be provided by the Contractor.
- C. Operation and maintenance of the Equipment Wash Facility.
- D. Equipment Wash Facility provided by FDF.

##### **1.2 RELATED SECTIONS AND PLANS**

- A. Section 02205 - Impacted Material Excavation.
- B. Part 8 - Environmental Health and Safety, and Training Requirements.

##### **1.3 REFERENCES**

Area 2, Phase I, Site Preparation Technical Specifications and Construction Drawings.

##### **1.4 HEALTH AND SAFETY REQUIREMENTS**

Environmental Health and Safety, and Training requirements shall be as specified in Part 8.

##### **1.5 SUBMITTALS**

Within ten (10) calendar days from Notice to Proceed submit the Equipment Wash Plan to the Construction Manager for review and approval. The Equipment Wash Plan shall include:

- A. Equipment wash methods and washing and maintenance equipment proposed to meet the performance criteria.
- B. Utility requirements.
- C. Operation and maintenance requirements and schedule, including removal of accumulated oil and sediment.
- D. Catalog information and drawings of proposed washing and maintenance equipment.
- E. Materials required for washing and maintenance.
- F. Method(s) for removal and containerizing oil.

## **1.6 FACILITIES PROVIDED BY FDF**

- A. Concrete wash pad will be provided by FDF at the existing Equipment Wash Facility as shown on the construction drawings for the Area 2 Phase I Site Preparation. The wash pad will be equipped with three (3) water yard hydrants limited to a maximum flow of 5 gallons per minute (gpm) each (total flow rate of 15 gpm). A drain collection system, with trenches and an oil/water separator, capable of discharging a maximum flow of 25 gpm to the existing West Pump Station will be provided. The pump capacity at the existing West Pump Station is 50 gpm.
- B. 15 gpm water supply and a 480 Volt, 3 phase, 60 Hz electric power supply will be provided at the existing Equipment Wash Facility.

## **PART 2 PRODUCTS**

- A. Provide washing equipment, including pressure washers and other equipment and materials required for equipment washing and maintenance of washing equipment and Equipment Wash Facility, holding tanks and associated piping to meet the performance criteria specified in this Section.
- B. Signs and sign posts at Equipment Wash Facility for traffic control.
- C. If more than 15 gpm flow of water is required (but less than 25 gpm) additional water for the equipment wash shall be provided by the Contractor at no additional cost to FDF. Provide holding tank and piping as required.

## **PART 3 EXECUTION**

### **3.1 PERFORMANCE CRITERIA**

- A. Provide equipment wash and maintenance equipment and materials as per the approved Equipment Wash Plan.
- B. Wheels, tires, undercarriage, and body of equipment shall be washed free of visible mud, dirt and debris before leaving the Equipment Wash Facility.
- C. Keep Impacted Material Haul Road clean and free of visible mud, dirt, and debris.
- D. Wash pad, drain line and trenches shall be kept clean to prevent flow blockage. Equipment wash shall be performed only within the wash pad area.
- E. Water overspray shall be controlled and confined to the wash pad area.
- F. Wash water flow to the existing West Pump Station shall be restricted to 25 gpm. Provide holding tank as required to recycle wash water before draining to the existing West Pump Station.
- G. Clean and maintain oil/water separator as necessary and maintain wash pad and associated facilities.

- H. Remove sediment from wash pad, drain line, trenches, and oil/water separator and haul to the OSDF as specified in Section 02205.
- I. Remove oil in accordance with the Equipment Wash Plan and place in drums adjacent to the Equipment Wash Facility. Drums will be provided by and disposed of by FDF.

**END OF SECTION**

